



10-10-06

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number

7,099,411

Issue Date

August 29, 2006

First Named Inventor

Wu et al.

Application Number

09/901,507

Filing Date

July 9, 2001

Attorney Docket Number

MP0077

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☒ Fee Attached

☐ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure
Statement

☐ Certified Copy of Priority
Document(s)

☐ Reply to Missing Parts/
Incomplete Application

☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ Landscape Table on CD

☐ After Allowance Communication to TC

☐ Appeal Communication to Board
of Appeals and Interferences

☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)
(please identify below):

Request for Certificate of Correction;
Certificate of Correction;
credit card authorization; and
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

Harness, Dickey & Pierce, P.L.C.

Signature

Printed Name

Michael D. Wiggins

Date

October 9, 2006

Reg. No.

34,754

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Typed or printed name

Tina Marie Fritz

Express Mail
Label No.

EV 757 778 088 US (10/9/2006)

Signature

Date

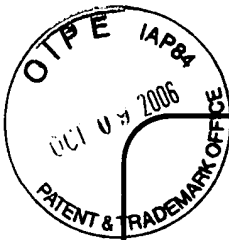
October 9, 2006

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OCT 16 2006

EV 757 778 088 US

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Patent Number	7,099,411
Issue Date	August 29, 2006
First Named Inventor	Wu et al.
Application Number	09/901,507
Filing Date	July 9, 2001
Total Number of Pages in This Submission	Attorney Docket Number MP0077

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Certificate of Correction; Certificate of Correction; credit card authorization; and return receipt postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Harness, Dickey & Pierce, P.L.C.		
Signature			
Printed Name	Michael D. Wiggins		
Date	October 9, 2006	Reg. No.	34,754

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Typed or printed name	Tina Marie Fritz	Express Mail Label No.	EV 757 778 088 US (10/9/2006)
Signature		Date	October 9, 2006

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,099,411
Issue Date: August 29, 2006
Inventor(s): Wu et al.
Application No: 09/901,507
Filing Date: July 9, 2001
Title: SOFT-OUTPUT DECODING METHOD AND APPARATUS FOR
CONTROLLED INTERSYMBOL INTERFERENCE CHANNELS
Attorney Docket: MP0077

Commissioner for Patents
Certificate of Correction Branch
P.O. Box 1450
Alexandria, Virginia 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

We have reviewed the above referenced patent and have found errors which appear to require a Certificate of Correction.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-indicated patent.

PTO Form 2038 is enclosed authorizing the fee for correction. Please charge any underpayments or credit any over payment to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: October 9, 2006
HARNES, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

By: Michael D. Wiggins
Michael D. Wiggins
Reg. No. 34,754

10/11/2006 WASFAW1 00000033 7099411

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OCT 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT No.: 7,099,411

Page 1 of 2

DATED : August 29, 2006

INVENTOR(S) : Wu et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

ON THE PATENT FACE:

Title Page: Under U.S. Documents, insert the following references:
6,145,114 11/2000 Crozier et al.
6,161,209 12/2000 Moher
6,182,261 01/2001 Haller et al.

IN THE PATENT:

Column 1, Line 31: Delete "A" after "during"
Column 1, Line 66: Delete "at" after "literature"
Column 2, Line 6: Delete "IDPC" and insert -- LDPC--
Column 2, Line 19: Delete "IDPC" and insert -- LDPC --
Column 2, Line 21: Delete "maybe" and insert -- may be --
Column 2, Line 54: Insert -- of -- after "pair"
Column 4, Line 25: Delete "a" after "drive"
Column 4, Line 63: Delete "fit" before "communication"
Column 7, Line 15: Delete "(ILR)" and insert -- (LLR) --
Column 6, Line 13: Equation 5: Delete " y " and insert -- $\|y$ --
Column 6, Line 13: Equation 5: Delete " 2 " and insert -- $\|2$ --
Column 8, Line 30:
Equation 6:
Delete " $y - H \otimes (x_s + x_e)2$ " and insert -- $\|y - H \otimes (x_s + x_e)\|2$ --

MAILING ADDRESS OF SENDER: Harness, Dickey & Pierce
5445 Corporate Drive, Suite 200
Troy, Michigan 48098

PATENT NO. 7,099,411

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Oct 16 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT No.: 7,099,411

Page 2 of 2

DATED : August 29, 2006

INVENTOR(S) : Wu et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

IN THE PATENT:

Column 8, Line 30:

Equation 6: Delete " $|y - H \otimes (x_s + x_e)|^2$ " and insert -- " $\|y - H \otimes (x_v + x_e)\|_2$ " --

Column 8, Line 37:

Equation 7: Delete " $|y - H \otimes x_k|^2$ " and insert -- " $\|y - H \otimes x_k\|_2$ " --Delete " $|y - H \otimes (x_v + x_{e,min})|^2$ " and insert -- " $\|y - H \otimes (x_v + x_{e,min})\|_2$ "

Delete each occurrence of "i" and insert -- i --

Column 8, Line 57:

Equation 8: Delete each occurrence of "i" and insert -- i --

Column 9, Line 29:

Delete " X_k " and insert -- x_k --

Column 9, Line 58:

Delete "Ed" after "soft"

Column 11, Line 9:

Delete "(HR)" and insert --(FIR) ---

Claim 13, Line 25:

Insert -- storage -- before "medium"

Claim 72, Line 28:

Insert -- includes--after "software"

MAILING ADDRESS OF SENDER: Harness, Dickey & Pierce
5445 Corporate Drive, Suite 200
Troy, Michigan 48098

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CERTIFICATE OF CORRECTION

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